

FILE 'MEDLINE, EMBASE, USPATFULL, BIOSIS, CAPLUS' ENTERED AT 14:08:09 ON
12 DEC 2002

L1 938 S INTERLEUKIN-17
L2 165 S L1 (3A) RECEPTOR
L3 13 S L2 (3A) LIKE
L4 9 DUP REM L3 (4 DUPLICATES REMOVED)

L Number	Hits	Search Text	DB	Time stamp
-	318	(interleukin adj "17") OR (IL adj "17")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 16:25
-	127	((interleukin adj "17") OR (IL adj "17")) SAME receptor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 16:25

01-FEB-2000 (first entry)

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DE Human interleukin 17 receptor like protein encoding cDNA.

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KW Human; interleukin 17 receptor like protein; IL17RLP; IL-17;

KW diagnosis; detection; immune system related disorder; haemostasis;

KW cellular activation; angiogenesis; tumour metastasis; ovulation;

KW cellular migration; neurogenesis; infection; T-cell proliferation;

KW autoimmune disease; lymphocytic leukaemia; haematopoiesis;

regulation;

KW sepsis; tumour; cancer; interstitial lung disease; arthritis;

KW lymphoma; immunosuppression; immunity; inflammatory bowel disease;

KW myelo suppression; ss.

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OS Homo sapiens.

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FH Key Location/Qualifiers

FT CDS 10..1290

FT /*tag= a

FT /product= "interleukin 17 receptor like protein"

FT sig_peptide 10..66

FT /*tag= b

FT mat_peptide 67..1287

FT /*tag= c

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PN WO9914240-A1.

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PD 25-MAR-1999.

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PF 16-SEP-1998; 98WO-US19121.

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PR 17-SEP-1997; 97US-0059133.

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PA (HUMA-) HUMAN GENOME SCI INC.

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PI Shi Y, Ruben SM;

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DR WPI; 2000-061918/05.

DR P-PSDB; AAY49946.

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PT New human interleukin-17 receptor like protein, e.g. to treat disorders

PT relating to cellular activation -

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PS Claim 2; Fig 1; 133pp; English.

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CC The present sequence encodes human interleukin 17 receptor like protein

CC (IL17RLP), isolated from a cDNA library of human adult pulmonary tissue.

CC IL17RLP and its agonists can be used to treat disorders relating to

CC cellular activation, haemostasis, angiogenesis, tumour metastasis,

CC cellular migration and ovulation, and neurogenesis. They can also

be

CC used to enhance host defences against resistant chronic and acute

CC infections, e.g. mycobacterial infections via the attraction and

Db 247 TTGTTGAAGGCCACCAAGATTTGTGTGACGGGCAAAAGCAACTTCCAGTCCACAGCTGT
 306
 Qy 347 GTGAGGCTGGAGTGCAGTGGTGCGATCATGGCTCGCTGCGACCTCAATCTTCTGGGCTCA
 406
 ||||| | | | | |
 Db 307 GTGAGGTGCAATTACACAGAGGCCCTCCAGACT-----
 339
 Qy 407 AGCGATCGTTCTGCTTCAGCCTCCCAGCGGCTGGGACTGCAGGCGTGGGCCACCAGACC
 466
 Db 340 -----
 339
 Qy 467 TGGCTAATTTTTGTAGTTTTGTAGAGGGGGTTTCACCGTGTGCTGGTCTTGAATTCC
 526
 Db 340 -----
 339
 Qy 527 AGTGCTCAGGCGATCTGCCTGCCTCGGCTTCCCAAAGTGCTGGGATTACAGTGGACATTT
 586
 | || | |
 Db 340 -----CAGACCAGACCCTCTGGTGGTAAATGGACATTT
 372
 Qy 587 TCCTACATCGGCTTCCCTGTAGAGCTGAACACAGTCTATTTTCATTGGGGCCCATATATT
 646
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 373 TCCTACATCGGCTTCCCTGTAGAGCTGAACACAGTCTATTTTCATTGGGGCCCATATATT
 432
 Qy 647 CCTAATGCAAATATGAATGAAGATGGCCCTTCCATGTCTGTGAATTTACCTCACCAGGC
 706
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 433 CCTAATGCAAATATGAATGAAGATGGCCCTTCCATGTCTGTGAATTTACCTCACCAGGC
 492
 Qy 707 TGCCTAGACCACATAATGAAATATAAAAAAAGTGTGTCAAGGCCGGAAGCCTGTGGGAT
 766
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 493 TGCCTAGACCACATAATGAAATATAAAAAAAGTGTGTCAAGGCCGGAAGCCTGTGGGAT
 552
 Qy 767 CCGAACATCACTGCTTGTAAGAAGAATGAGGAGACAGTAGAAGTGAACCTCACAACCACT
 826
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 553 CCGAACATCACTGCTTGTAAGAAGAATGAGGAGACAGTAGAAGTGAACCTCACAACCACT
 612
 Qy 827 CCCCTGGGAAACAGATACATGGCTCTTATCCAACACAGCACTATCATCGGGTTTTCTCAG
 886
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 613 CCCCTGGGAAACAGATACATGGCTCTTATCCAACACAGCACTATCATCGGGTTTTCTCAG
 672

Qy	887	GTGTTTGAGCCACACCAGAAGAAACAAACGCGAGCTTCAGTGGTGATTCCAGTGACTGGG
946		
Db	673	GTGTTTGAGCCACACCAGAAGAAACAAACGCGAGCTTCAGTGGTGATTCCAGTGACTGGG
732		
Qy	947	GATAGTGAAGGTGCTACGGTGCAGCTGACTCCATATTTTCCCTACTTGTGGCAGCGACTGC
1006		
Db	733	GATAGTGAAGGTGCTACGGTGCAGCTGACTCCATATTTTCCCTACTTGTGGCAGCGACTGC
792		
Qy	1007	ATCCGACATAAAGGAACAGTTGTGCTCTGCCCACAAACAGGCGTCCCTTTCCCTCTGGAT
1066		
Db	793	ATCCGACATAAAGGAACAGTTGTGCTCTGCCCACAAACAGGCGTCCCTTTCCCTCTGGAT
852		
Qy	1067	AACAACAAAAGCAAGCCGGGAGGCTGGCTGCCTCTCCTCCTGCTGTCTCTGCTGGTGGCC
1126		
Db	853	AACAACAAAAGCAAGCCGGGAGGCTGGCTGCCTCTCCTCCTGCTGTCTCTGCTGGTGGCC
912		
Qy	1127	ACATGGGTGCTGGTGGCAGGGATCTATCTAATGTGGAGGCACGAAAGGATCAAGAAGACT
1186		
Db	913	ACATGGGTGCTGGTGGCAGGGATCTATCTAATGTGGAGGCACGAAAGGATCAAGAAGACT
972		
Qy	1187	TCCTTTTCTACCACCACACTACTGCCCCCATTAAGGTTCTTGTGGTTTACCCATCTGAA
1246		
Db	973	TCCTTTTCTACCACCACACTACTGCCCCCATTAAGGTTCTTGTGGTTTACCCATCTGAA
1032		
Qy	1247	ATATGTTTCCATCACACAATTTGTTACTTCACTGAATTTCTTCAAACCATTCAGAGAAGT
1306		
Db	1033	ATATGTTTCCATCACACAATTTGTTACTTCACTGAATTTCTTCAAACCATTCAGAGAAGT
1092		
Qy	1307	GAGGTCATCCTCGAAAAGTGGCAGAAAAAGAAAATAGCAGAGATGGGTCCAGTGCAGTGG
1366		
Db	1093	GAGGTCATCCTTGAAAAGTGGCAGAAAAAGAAAATAGCAGAGATGGGTCCAGTGCAGTGG
1152		
Qy	1367	CTTGCCACTCAAAGAAGGCAGCAGACAAAGTCGTCTTCCTTCTTTCCAATGACGTCAAC
1426		
Db	1153	CTTGCCACTCAAAGAAGGCAGCAGACAAAGTCGTCTTCCTTCTTTCCAATGACGTCAAC
1212		
Qy	1427	AGTGTGTGCGATGGTACCTGTGGCAAGAGCGAGGGCAGTCCCAGTGAGAACTCTCAAGAC
1486		

Db 1213 AGTGTGTGCGATGGTACCTGTGGCAAGAGCGAGGGCAGTCCCAGTGAGAACTCTCAAGAC
 1272

Qy 1487 CTCTTCCCCCTTGCCTTTAAACCTTTTCTGCAGTGATCTAAGAAGCCAGATTCATCTGCAC
 1546

Db 1273 --TCTTCCCCCTTGCCTTTAAACCTTTTCTGCAGTGATCTAAGAAGCCAGATTCATCTGCAC
 1330

Qy 1547 AAATACGTGGTGGTCTACTTTAGAGAGATTGATACAAAAGACGATTACAATGCTCTCAGT
 1606

Db 1331 AAATACGTGGTGGTCTACTTTAGAGAGATTGATACAAAAGACGATTACAATGCTCTCAGT
 1390

Qy 1607 GTCTGCCCCAAGTACCACCTCATGAAGGATGCCACTGCTTTCTGTGCAGAACTTCTCCAT
 1666

Db 1391 GTCTGCCCCAAGTACCACCTCATGAAGGATGCCACTGCTTTCTGTGCAGAACTTCTCCAT
 1450

Qy 1667 GTCAAGCAGCAGGTGTCAGCAGGAAAAAGATCACAAGCCTGCCACGATGGCTGCTGCTCC
 1726

Db 1451 GTCAAGTAGCAGGTGTCAGCAGGAAAAAGATCACAAGCCTGCCACGATGGCTGCTGCTCC
 1510

Qy 1727 TTGTAGCCCACCCATGAGAAGCAAGAGACCTTAAAGGCTTCCTATCCCACCAATTACAGG
 1786

Db 1511 TTGTAGCCCACCCATGAGAAGCAAGWGACCTTAAAGGCTTCCTATCCCACCAATTACAGG
 1570

Qy 1787 GAAAAAACGTGTGATGATCCTGAAGCTTACTATGCAGCCTACAAACAGCCTTAGTAATTA
 1846

Db 1571 GAAAAAACGTGTGATGATCCTGAAGCTTACTATGCAGCCTACAAACAGCCTTAGTAATTA
 1630

Qy 1847 AAACATTTTATACCAATAAAATTTTCAAATATTGCTAACTAATGTAGCATTAACTAACGA
 1906

Db 1631 AAACATTTTATACCAATAAAATTTTCAAATATTGCTAACTAATGTAGCATTAACTAACGA
 1690

Qy 1907 TTGGAAACTACATTTACAACCTCAAAGCTGTTTTATACATAGAAATCAATTACAGCTTTA
 1966

Db 1691 TTGGAAACTACATTTACAACCTCAAAGCTGTTTTATACATAGAAATCAATTACAGTTTTA
 1750

Qy 1967 ATTGAAAACTGTAACCATTTTGATAATGCAACAATAAAGCATCTTCAGC 2015

Db 1751 ATTGAAAACTATAACCATTTTGATAATGCAACAATAAAGCATCTTCAGC 1799

202/0102639

CC protein level is used in the treatment of diseases such as cancer
CC or autoimmune diseases.

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SQ Sequence 1827 BP; 547 A; 438 C; 397 G; 445 T; 0 other;

Query Match 77.0%; Score 1552.4; DB 22; Length 1827;
Best Local Similarity 89.3%; Pred. No. 0;
Matches 1758; Conservative 0; Mismatches 36; Indels 174;
Gaps 1;

Qy 45 CGGCGATGTCGCTCGTGCTGCTAAGCCTGGCCGCGCTGTGCAGGAGCGCCGTACCCCGAG
104

Db 1 CGGCGATGTCGCTCGTGCTGATAAGCCTGGCCGCGCTGTGCAGGAGCGCCGTACCCCGAG
60

Qy 105 AGCCGACCGTTCAATGTGGCTCTGAAACTGGGCCATCTCCAGAGTGGATGCTACAACATG
164

Db 61 AGCCGACCGTTCAATGTGGCTCTGAAACTGGGCCATCTCCAGAGTGGATGCTACAACATG
120

Qy 165 ATCTAATCCCCGGAGACTTGAGGGACCTCCGAGTAGAACCTGTTACAAC TAGTGTGCAA
224

Db 121 ATCTAATCCCCGGAGACTTGAGGGACCTCCGAGTAGAACCTGTTACAAC TAGTGTGCAA
180

Qy 225 CAGGGGACTATTCAATTTTGATGAATGTAAGCTGGGTACTCCGGGCAGATGCCAGCATCC
284

Db 181 CAGGGGACTATTCAATTTTGATGAATGTAAGCTGGGTACTCCGGGCAGATGCCAGCATCC
240

Qy 285 GCTTGTTGAAGGCCACCAAGATTTGTGTGACGGGCAAAGCAACTTCCAGTCC TACAGCT
344

Db 241 GCTTGTTGAAGGCCACCAAGATTTGTGTGACGGGCAAAGCAACTTCCAGTCC TACAGCT
300

Qy 345 GTGTGAGGCTGGAGTGCAGTGGTGCGATCATGGCTCGCTGCGACCTCAATCTTCTGGGCT
404

Db 301 GTGTGAGGTGCAATTACACAGAGGCCTTCCAGACT-----
335

Qy 405 CAAGCGATCGTTCTGCTTCAGCCTCCCGAGCGGCTGGGACTGCAGGCGTGGGCCACCAGA
464

Db 336 -----
335

Qy 465 CCTGGCTAATTTTTGTAGTTTTGTAGAGGGGGTTTCACCGTGTTGCTGGTCTTGAATT
524

Db 336 -----
335

Qy 525 CCAGTGCTCAGGCGATCTGCCTGCCTCGGCTTCCCAAAGTGCTGGGATTACAGTGGACAT
584

Db 336 -----CAGACCAGACCCTCTGGTGGTAAATGGACAT
366

Qy 585 TTTCTTACATCGGCTTCCCTGTAGAGCTGAACACAGTCTATTTTCATTGGGGCCCATATA
644

Db 367 TTTCTTATATCGGCTTCCCTGTAGAGCTGAACACAGTCTATTTTCATTGGGGCCCATATA
426

Qy 645 TTCTTAATGCAAATATGAATGAAGATGGCCCTTCCATGTCTGTGAATTTACCTCACCAG
704

Db 427 TTCTTAATGCAAATATGAATGAAGATGGCCCTTCCATGTCTGTGAATTTACCTCACCAG
486

Qy 705 GCTGCCTAGACCACATAATGAAATATAAAAAAAGTGTGTCAAGGCCGGAAGCCTGTGGG
764

Db 487 GCTGCCTAGACCACATAATGAAATATAAAAAAAGTGTGTCAAGGCCGGAAGCCTGTGGG
546

Qy 765 ATCCGAACATCACTGCTTGTAAGAAGAATGAGGAGACAGTAGAAGTGAAC TTCACAACCA
824

Db 547 ATCCGAACATCACTGCTTGTAAGAAGAATGAGGAGACAGTAGAAGTGAAC TTCACAACCA
606

Qy 825 CTCCCCGAAACAGATACATGGCTCTTATCCAACACAGCACTATCATCGGGTTTTCTC
884

Db 607 CTCCCCGAAACAGATACATGGCTCTTATCCAACACAGCACTATCATCGGGTTTTCTC
666

Qy 885 AGGTGTTTGAGCCACACCAGAAGAAACAAACGCGAGCTTCAGTGGTGATTCCAGTGACTG
944

Db 667 AGGTGTTTGAGCCACACCAGAAGAAACAAACGCGAGCTTCAGTGGTGATTCCAGTGACTG
726

Qy 945 GGGATAGTGAAGGTGCTACGGTGCAGCTGACTCCATATTTTCTTACTTGTGGCAGCGACT
1004

Db 727 GGGATAGTGAAGGTGCTACGGTGCAGCTGACTCCATATTTTCTTACTTGTGGCAGCGACT
786

Qy 1005 GCATCCGACATAAAGGAACAGTTGTGCTCTGCCCACAAACAGGCGTCCCTTTCCCTCTGG
1064

Db 787 GCATCCGACATAAAGGAACAGTTGTGCTCTGCCCACAAACAGGCGTCCCTTTCCCTCTGG
846

Qy 1065 ATAACAACAAAAGCAAGCCGGGAGGCTGGCTGCCTCTCCTCCTGCTGTCTCTGCTGGTGG
1124

Db	847	ATAACAACAAAAGCAAGCCGGGAGGCTGGCTGCCCTCTCCTCCTGCTGTCTCTGCTGGTGG
	906	
Qy	1125	CCACATGGGTGCTGGTGGCAGGGATCTATCTAATGTGGAGGCACGAAAGGATCAAGAAGA
	1184	
Db	907	CCACATGGGTGCTGGTGGCAGGGATCTATCTAATGTGGAGGCACGAAAGGATCAAGAAGA
	966	
Qy	1185	CTTCCTTTTCTACCACCACACTACTGCCCCCATTAAGGTTCTTGTGGTTTACCCATCTG
	1244	
Db	967	CTTCCTTTTCTACCACCACACTACTGCCCCCATTAAGGTTCTTGTGGTTTACCCATCTG
	1026	
Qy	1245	AAATATGTTTCCATCACACAATTTGTTACTTCACTGAATTTCTTCAAAACCATTCGAGAA
	1304	
Db	1027	AAATATGTTTCCATCACACAATTTGTTACTTCACTGAATTTCTTCAAAACCATTCGAGAA
	1086	
Qy	1305	GTGAGGTCATCCTCGAAAAGTGGCAGAAAAAGAAAATAGCAGAGATGGGTCCAGTGCAGT
	1364	
Db	1087	GTGAGGTCATCCTTGAAAAGTGGCAGAAAAAGAAAATAGCAGAGATGGGTCCAGTGCAGT
	1146	
Qy	1365	GGCTTGCCACTCAAAGAAGGCAGCAGACAAAGTCGTCTTCCTTCTTTCCAATGACGTCA
	1424	
Db	1147	GGCTTGCCACTCAAAGAAGGCAGCAGACAAAGTCGTCTTCCTTCTTTCCAATGACGTCA
	1206	
Qy	1425	ACAGTGTGTGCGATGGTACCTGTGGCAAGAGCGAGGGCAGTCCCAGTGAGAACTCTCAAG
	1484	
Db	1207	ACAGTGTGTGCGATGGTACCTGTGGCAAGAGCGAGGGCAGTCCCAGTGAGAACTCTCAAG
	1266	
Qy	1485	ACCTCTTCCCCCTTGCCTTTAAACCTTTTCTGCAGTGATCTAAGAAGCCAGATTTCATCTGC
	1544	
Db	1267	ACCTCTTCCCCCTTGCCTTTAAACCTTTTCTGCAGTGATCTAAGAAGCCAGATTTCATCTGC
	1326	
Qy	1545	ACAAATACGTGGTGGTCTACTTTAGAGAGATTGATACAAAAGACGATTACAATGCTCTCA
	1604	
Db	1327	ACAAATACGTGGTGGTCTACTTTAGAGAGATTGATACAAAAGACGATTACAATGCTCTCA
	1386	
Qy	1605	GTGTCTGCCCCAAGTACCACCTCATGAAGGATGCCACTGCTTTCTGTGCAGAACTTCTCC
	1664	
Db	1387	GTGTCTGCCCCAAGTACCACCTCATGAAGGATGCCACTGCTTTCTGTGCAGAACTTCTCC
	1446	

Qy 1665 ATGTCAAGCAGCAGGTGTCAGCAGGAAAAAGATCACAAGCCTGCCACGATGGCTGCTGCT
1724
|||||

Db 1447 ATGTCAAGCAGCAGGTGTCAGCAGGAAAAAGATCACAAGCCTGCCACGATGGCTGCTGCT
1506

Qy 1725 CCTTGTAGCCCACCCATGAGAAGCAAGAGACCTTAAAGGCTTCCTATCCCACCAATTACA
1784
|||||

Db 1507 CCTTGTAGCCCACCCATGAGAAGCAAGAGACCTTAAAGGCTTCCTATCCCACCAATTACA
1566

Qy 1785 GGGAAAAAACGTGTGATGATCCTGAAGCTTACTATGCAGCCTACAAACAGCCTTAGTAAT
1844
|||||

Db 1567 GGGAAAAAACGTGTGATGATCCTGAAGCTTACTATGCAGCCTACAAACAGCCTTAGTAAT
1626

Qy 1845 TAAAACATTTTATACCAATAAAATTTTCAAATATTGCTAACTAATGTAGCATTAAC TAAC
1904
|||||

Db 1627 TAAAACATTTTATACCAATAAAATTTTCAAATATTGCTAACTAATGTAGCATTAAC TAAC
1686

Qy 1905 GATTGGAAACTACATTTACAACCTCAAAGCTGTTTTATACATAGAAATCAATTACAGCTT
1964
|||||

Db 1687 GATTGGAAACTACATTTACAACCTCAAAGCTGTTTTATACATAGAAATCAATTACAGCTT
1746

Qy 1965 TAATTGAAAACTGTAACCATTTTGATAATGCAACAATAAAGCATCTTC 2012
|||||

Db 1747 TAATTGAAAACTGTAACCATTTTGATAATGCAACAATAAAGCATCTTC 1794

RESULT 7

AAA75772

ID AAA75772 standard; cDNA; 1918 BP.

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AC AAA75772;

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DT 22-JAN-2001 (first entry)